

The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

1. (Currently Amended) An oncology microarray comprising a plurality of samples, each sample stably associated with a distinct, known sublocation on a substrate, at least one sample comprising abnormally proliferating cells, the substrate further comprising an identifier providing access to a database comprising information relating to at least one patient from whom at least one sample of the oncology microarray was obtained,

wherein each sample of the microarray exhibits a biological characteristic representative of a stage of cancer.

2. (Original) The microarray according to claim 1, wherein said identifier, when entered into the interface of a user computer connectable to the network, causes a screen to be displayed displaying one or more links to portions of the database comprising information relating to said at least one patient.

3. (Currently Amended) An oncology microarray comprising a plurality of samples, each sample stably associated with a distinct, known sublocation on a substrate, at least one sample comprising abnormally proliferating cells, and at least one sample is comprising a frozen sample cells or tissue,

wherein each sample of the microarray exhibits a biological characteristic representative of a stage of cancer.

4. (Currently Amended) An oncology microarray comprising a plurality of samples, each sample stably associated with a distinct, known sublocation on a substrate, at least one sample comprising abnormally proliferating cells, and at least one other sample comprising cells from a bodily fluid from the same patient providing the sample of abnormally proliferating cells,

wherein each sample of the microarray exhibits a biological characteristic representative of a stage of cancer.

5. (Original) The microarray according to any of claims 1, 3, or 4, wherein at least one sample comprises normally proliferating cells.

6. (Original) The microarray according to any of claims 1, 3, or 4, comprising at least one sample selected from the group consisting of cancerous breast tissue, cancerous prostate tissue, cancerous colon tissue, cancerous cervical tissue, skin cancer, and cancerous lung tissue.

7. (Original) The microarray according to any of claims 1, 3, or 4, wherein at least about 10% of the samples of the microarray are from different tissue types.

8. (Original) The microarray according to any of claims 1, 3, or 4 comprising samples from at least about five different tumor types.

9. (Original) The microarray according to any one of claims 1, 3 or 4, wherein at least one sample is greater than about 0.6 mm in diameter.

10. (Original) The microarray according to claim 3, further comprising at least one sample comprising paraffin- or plastic-embedded cells or tissue.

11. (Original) The microarray according to any of claims 1, 3 or 4, comprising a plurality of samples representing different grades or stages of a single type of cancer.

12. (Original) The microarray according to claim 11, wherein said cancer is selected from the group consisting of breast cancer, skin cancer, head and neck cancer, colon cancer, cervical cancer, ovarian cancer, prostate cancer, and lung cancer.

13. (Original) The microarray according to claim 1, 3, or 4, comprising a least one sample which comprises substantially homogeneous cells.

14. (Original) The microarray according to claim 13, wherein the at least one sample which comprises substantially homogeneous cells comprises cells which express a cancer-specific marker.

15. (Original) The microarray according to any of claims 1, 3, or 4, wherein at least one sample is from a patient treated with a drug.

16. (Original) The microarray according to any of claims 1, 3, or 4, wherein at least one sample is from a site of secondary metastasis of a cancer.

Claims 17-38. Withdrawn.